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URBAN DISTRICT COUNCIL OF KIRKBY-IN-ASHFIELD

ANNUAL REPORT

OF

MEDICAL OFFICER OF HEALTH

AND

SENIOR PUBLIC HEALTH INSPECTOR

FOR THE YEAR ENDED 31st DECEMBER, 1970

T. F. HAYNES
M.B., Ch.B., D.P.H., D.C.H.
Medical Officer of Health

H. S. WHITTEN
M.R.S.H., M.A.P.H.I.
(Senior Public Health Inspector and Superintendent of Public Cleansing)

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**(Senior
Public Health Inspector
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HEALTH COMMITTEE

Chairman : Councillor A. H. Briggs, J.P.
Vice-Chairman : Councillor J. W. Aldridge

Councillor	J. C. Booler	Councillor	J. Grice
,,	R. S. Chamberlain	,,	A. Mead
,,	W. Cox	,,	T. L. Richardson
,,	D. Flowers	,,	A. Shephard
,,	M. Green	,,	T. H. Tomlinson
,,	E. Godber	,,	A. Turner

PUBLIC HEALTH OFFICERS

Medical Officer of Health :
Tonie F. Haynes, M.B., Ch.B., D.P.H., D.C.H.

Senior Public Health Inspector and Superintendent of Cleansing :
H. S. Whitten, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspector :
T. Cook, M.A.P.H.I.

Technical Assistant :
A. Keeling

Pupil Public Health Inspector : (from 15th June, 1970)
M. Needham

Senior Clerk : Miss M. M. Smith
Clerk : Mrs. M. Keeling

URBAN DISTRICT COUNCIL OF KIRKBY-IN-ASHFIELD

Telephone :
Kirkby-in-Ashfield 3818

Health Department,
12, Urban Road,
Kirkby-in-Ashfield.
Nottingham.
NG17 8DB

MEDICAL OFFICER'S REPORT

for the year ended 31st December, 1970

To the Chairman and Members of the

Kirkby-in-Ashfield Urban District Council

Mr. Chairman and Gentlemen,

I have pleasure in presenting to you the Annual Report for 1970.

Vital Statistics

The estimated population mid-year 1970 was 22,670 as compared with the census population 1969 of 21,690.

The birth rate was 18.4 and the death rate 14.2.

The still birth rate was 23 as compared with 13 for England and Wales. Of the 10 registered cases all were hospital deliveries and causes were as follows :—

CHRONIC DISEASE OF THE MOTHER	1
DISEASES OF PREGNANCY AND CHILDBIRTH	5
CONGENITAL MALFORMATIONS	3
UNKNOWN	1

The infant mortality rates, with the exception of the rate for illegitimate children, were all high compared with those for England and Wales.

The perinatal mortality rate was 40 compared with 15 in 1969 and 23 for England and Wales.

Turning to the death rate, of the 262 deaths registered, 69 were due to Ischaemic Heart disease, 41 were due to Cerebrovascular disease, and 24 were due to Bronchitis and Emphysema. Ischaemic Heart disease remains the major cause of death.

Infectious Disease, Vaccination and Immunisation

Infective Hepatitis

There were 30 cases of Infective Hepatitis notified during the year, the second complete year of notification.

It has been the policy to exclude from work food handlers and family contacts who are food handlers. Most of the cases were in the 5-9 age group.

Measles

100 cases of Measles were notified as compared with 70 in 1969 and 59 in 1968.

Tuberculosis

No new cases were notified.

Diphtheria, Smallpox and Poliomyelitis remain absent.

Here I would repeat that absence of these diseases is a good example of what can be done by vaccination and immunisation, to reduce the incidence of certain infectious diseases in a community. I would therefore ask all parents to have their children immunised against measles and rubella in a similar way in the hope that we can similarly reduce the incidence of these diseases.

In the case of German Measles one is concerned with the prevention of congenital defects in the babies born to mothers contracting the disease during pregnancy in later life. So far the response amongst those offered the vaccine has been good and I hope that it will remain so. One hopes that the parents, Head Teachers and Senior Mistresses will encourage the girls to accept the vaccine.

Further I would plead with all residents of this community to have themselves vaccinated and immunised in accordance with international requirements before travelling abroad. One has to remember that there are people in a community (namely babies, old people and chronically ill people) who will suffer severely and even die if they contract a disease brought into a country where it does not normally exist, by a traveller who did not bother to be immunised or vaccinated. It is hardly fair to these poor people who did not ask to be exposed to the disease — and who did not even have the joy of the holiday abroad !

In conclusion I would like to thank Mr. Whitten, Mr. Cook, Miss Smith, Mrs. Keeling and all the staff of the Health Department for their help during the year.

I am also grateful to the Clerk to the Council and the Chief Officers for their help during the year.

I remain indebted to Dr. Lockett, the County Medical Officer of Health, and his staff both at County Hall and at the County Clinic for their help. Particularly I would like to thank Dr. Lockett and Mr. Gillott for their help and co-operation in making it possible for us to move our offices into the upper floor of the County Clinic.

To the General Practitioners of Kirkby I offer my sincere thanks for their support and co-operation during the year.

I would thank the Chairman of the Public Health Committee, Chairman of the Council and the members of both the Public Health Committee and the Council for their support during the year.

TONIE F. HAYNES
Medical Officer of Health.

STATISTICAL SUMMARY FOR 1970

Population (Census 1961)	21,690
Estimated population (mid-year 1970)	22,670
Birth rate per 1,000 population	17.7 (16.0)
Death rate per 1,000 population	14.2 (11.7)
Infantile mortality rate per 1,000 births	26.0 (18.0)
Area (Acres)	5,831
Inhabited Houses (31st March, 1970)	8,087
Rateable Value (Nett) (31st March, 1971)	£626,125
Estimated product of penny rate (1970/71)	£2,335

The figures in brackets refer to the whole country—England and Wales.

BIRTHS, MARRIAGES AND DEATHS

The Registrar of Births, Marriages and Deaths, attends the Youth Employment Office, Pond Street, Kirkby-in-Ashfield at the following times :

Mondays	2.00 p.m. to 3.30 p.m.
Tuesdays	4.30 p.m. to 6.00 p.m.
Thursdays	2.00 p.m. to 3.30 p.m.
Fridays	10.00 a.m. to 12.00 noon

VITAL STATISTICS FOR THE YEAR 1970

BIRTHS

	Total	Males	Females
Live Births	418	230	188
Legitimate	389	214	175
Illegitimate	29	16	13

Birth Rate per thousand estimated population

Crude Rate 18.4

Corrected Rate 17.7

Illegitimate live births per cent of total live births 7.0

(Area comparability factor 0.96)

Still Births	10	3	7
Legitimate	7	1	6
Illegitimate	3	2	1

Still Birth Rate per 1,000 total (live and still) 23

Still Birth Rate per 1,000 population 0.44

Total live and still births 408

DEATHS

Total	Males	Females
262	138	124

Death Rate per thousand estimated population

Crude Rate 11.6

Corrected Rate 14.2

(Area comparability factor 1.22)

	Total
No. of women dying in, or in consequence of, child-birth, pregnancy or abortion	—
Total deaths of Infants under 1 year	11
Infantile death rate per 1,000 live births	26
Deaths from Cancer (all ages)	38
Deaths from Gastritis, Diarrhoea and Enteritis (under 2 years of age)	—

INFANT MORTALITY

(Under 1 year of age)	Total	Males	Females
Number of deaths	11	5	6
Legitimate	11	5	6
Illegitimate	—	—	—
(Under 4 weeks of age)			
Number of deaths	7	3	4
Legitimate	7	3	4
Illegitimate	—	—	—
(Under 1 week of age)			
Number of deaths	7	3	4
Legitimate	7	3	4
Illegitimate	—	—	—

Infant Mortality Rates

All infants per 1,000 births	26
Legitimate infants per 1,000 legitimate live births	28
Illegitimate infants per 1,000 illegitimate live births	—
Neo-Natal (first four weeks) mortality rate per 1,000 live births	17
Early Neo-Natal mortality rate (deaths under 1 week) per 1,000 total live births	17
Perinatal mortality rate (still births and deaths under 1 week combined) per 1,000 total live and still births	40

The classification of deaths is as follows:

Birth injury, difficult labour etc.	4
Congenital anomalies	4
Disease of the respiratory system	2
Other causes of Perinatal Mortality	1

MATERNAL MORTALITY—Nil

BIRTHS AND BIRTH-RATE

The total number of births registered during the year was 428, 233 males and 195 females. Of these, there were 32 illegitimates, 18 males and 14 females. There were 418 live births and 10 still-births. This gives a Live Birth-rate of 18.4 (crude) per 1,000 of the population, as compared with 17.8 (crude) per 1,000 in the previous year.

Live birth-rate for the District for the last 10 years is as follows:

		Crude	Corrected	
1970	—	18.4	17.7	per 1,000 of the population
1969	—	17.8	17.1	,, ,,
1968	—	19.9	19.10	,, ,,
1967	—	16.70	16.04	,, ,,
1966	—	18.55	17.81	,, ,,
1965	—	18.39	17.65	,, ,,
1964	—	20.98	20.14	,, ,,
1963	—	19.74	18.95	,, ,,
1962	—	19.29	18.90	,, ,,
1961	—	18.77	18.41	,, ,,

DEATHS AND DEATH-RATE

There were 262 deaths recorded in 1970.

Males 138 Females 124

This gives us an annual death-rate of 11.6 (crude)

14.2 (corrected) per 1,000 of the population.

Death-rate for the whole district for the last 10 years :

		Crude	Corrected	
1970	—	11.6	14.2	per 1,000 of the population
1969	—	9.9	12.0	,, ,,
1968	—	10.7	12.95	,, ,,
1967	—	10.20	12.24	,, ,,
1966	—	10.55	12.98	,, ,,
1965	—	9.89	11.87	,, ,,
1964	—	10.76	13.13	,, ,,
1963	—	11.37	13.87	,, ,,
1962	—	10.82	13.74	,, ,,
1961	—	10.51	13.34	,, ,,

The classification of deaths is as follows :

CAUSES OF DEATH

	Males	Females	Total
Tuberculosis of Respiratory system	1	—	1
Other Infective and Parasitic Diseases	1	—	1
Malignant Neoplasm—Buccal Cavity etc.	—	2	2
Malignant Neoplasm—Stomach	—	1	1
Malignant Neoplasm—Intestine	5	3	8
Malignant Neoplasm—Lung, Bronchus	9	1	10
Malignant Neoplasm—Breast	—	6	6
Malignant Neoplasm—Prostate	1	—	1
Other Malignant Neoplasms	4	6	10
Diabetes Mellitus	—	1	1
Other Endocrine Diseases etc.	1	1	2
Other Diseases of Nervous System	2	—	2
Chronic Rheumatic Heart Disease	2	1	3
Hypertensive Disease	2	3	5
Ischaemic Heart Disease	39	30	69
Other forms of Heart Disease	2	1	3
Cerebrovascular Disease	19	22	41
Other Diseases of Circulatory System	4	6	10
Influenza	3	1	4
Pneumonia	5	9	14
Bronchitis and Emphysema	19	5	24
Asthma	—	1	1
Other Diseases of Respiratory System	4	5	9
Peptic Ulcer	2	—	2
Cirrhosis of Liver	2	—	2
Other Diseases of Digestive System	—	2	2

	Males	Females	Total
Nephritis and Nephrosis	1	3	4
Other Diseases, Genito-Urinary System	—	1	1
Congenital Anomalies	1	4	5
Birth Injury, Difficult Labour	3	1	4
Other causes of Perinatal Mortality	—	1	1
Motor Vehicle Accidents	1	—	1
All other Accidents	1	3	4
Suicide and self-inflicted injuries	3	1	4
All Other External Causes	1	3	4
	138	124	262

PREVALENCE OF/AND CONTROL OF FEVER, INFECTIOUS AND OTHER DISEASES

During the year there were 164 cases of Infectious Diseases in the District compared with 97 the previous year.

INFECTIOUS DISEASES NOTIFIED 1970

Age Distribution

	Under 1	1	2	3	4	5-9	10-14	15-24	25 and over	Age Un-known	Totals
Infective Jaundice	—	—	—	1	—	12	5	6	6	—	30
Measles	4	13	11	14	15	41	2	—	—	—	100
Scarlet Fever	1	1	1	2	1	22	3	2	1	—	34
TOTAL	5	14	12	17	16	75	10	8	7	—	164

	Under 5	5-14	15-24	25-44	45-64	65 and over	Totals
Tuberculosis							
Respiratory	—	—	—	—	—	—	—
Meninges	—	—	—	—	—	—	—
Other Forms	—	—	—	—	—	—	—
TOTAL	—	—	—	—	—	—	—

Seasonal Distribution

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Infective Jaundice	1	–	3	5	7	3	4	–	2	3	2	–	30
Measles	3	7	14	12	25	34	4	–	–	1	–	–	100
Scarlet Fever	1	8	13	2	1	1	3	3	1	–	1	–	34
Tuberculosis	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	5	15	30	19	33	38	11	3	3	4	3	–	164

TUBERCULOSIS

New Cases and Mortality

Age Period	NEW CASES						DEATHS					
	Respiratory		Meninges		Other		Respiratory		Meninges		Other	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 5	–	–	–	–	–	–	–	–	–	–	–	–
5-14	–	–	–	–	–	–	–	–	–	–	–	–
15-24	–	–	–	–	–	–	–	–	–	–	–	–
25-44	–	–	–	–	–	–	–	–	–	–	–	–
45-64	–	–	–	–	–	–	–	–	–	–	–	–
65 and over	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	–	–	–	–	–	–	–	–	–	–	–	–

NOTTINGHAMSHIRE COUNTY COUNCIL

HEALTH DEPARTMENT

Clinic

County Health Clinic, Urban Road, Kirkby-in-Ashfield, Nottingham.

Child Welfare Sessions

Weekly — Monday 2 p.m. to 4.30 p.m.
Weekly — Tuesday 2 p.m. to 4.30 p.m.

Midwifery Service

The services of 4 midwives are provided for the Urban District, and their names, addresses and telephone numbers are as follows :

Nurse Brown, 95 Southwell Lane, Kirkby-in-Ashfield.	3375
Nurse Dykes, 49 Midfield Road, Kirkby-in-Ashfield.	2095
Nurse Wright, 10 Manor House Court, Kirkby-in-Ashfield.	3398
Nurse Sheppard, 1 Ascot Close, Kirkby-in-Ashfield.	2552

Care of the Unmarried Mother

Cases have been dealt with during 1970 in co-operation with the Moral Welfare Service.

Care of the Premature Infant

Premature baby equipment is no longer held at the Clinic.

Supply of Welfare Foods and Vitamins

Various types of welfare foods and vitamins i.e. National and other brands of dried milk, orange juice and proprietary food products, vitamin tablets and codliver oil are on sale at the Clinic at the following times :

Monday 2 p.m. to 5 p.m.
Tuesday 2 p.m. to 5 p.m. Friday 2 p.m. to 5 p.m.

Cervical Cytology

Sessions are held at the Clinic, Urban Road, Kirkby-in-Ashfield, Nottingham, on the third Thursday in each month from 7.15 p.m. to 8.15 p.m. The examination and the smear occupy only one minute and all women should take advantage of this important preventive service to eradicate cancer of the neck of the womb. During 1970 there were 102 first attendances and 62 re-attendances.

Home Nursing

The Nottinghamshire County Council provides this service. There are 4 District Nurses available in the Urban District, and their names, addresses and telephone numbers are as follows :

Mrs. Angelides, 53 Welbeck Street, Kirkby-in-Ashfield.	2842
Mrs. Kirk, 85 Hartley Road, Kirkby-in-Ashfield.	2030
Mrs. Knowles, 53 Blidworth Road, Kirkby-in-Ashfield.	2478
Mrs. Walker, 17 Regent Street, Kirkby-in-Ashfield.	3029

Home Help Service

A Home Help Service is provided by the Nottinghamshire County Council, and the Local Organiser for the Kirkby-in-Ashfield District is Mrs. E. M. Bostock, County Health Clinic, New Street, Sutton-in-Ashfield, telephone number Sutton-in-Ashfield 5136.

Vaccination and Immunisation Sessions

Last Wednesday in every month — 9.30 a.m. to 12 noon

Child Welfare Sessions Attendances

Total Attendances during 1970

Children born in		
1970	1969	1966-1968
1,328	1,029	526

VACCINATION AND IMMUNISATION

The following vaccinations and immunising injections have been given during the year.

Diphtheria, Whooping Cough and Tetanus

Primary			Booster Injections
1970	1969	1968	1965
61	206	99	306

Smallpox Vaccination

Primary			Re-vaccination		
1970	1966-69	1956-65	1970	1966-69	1956-65
112	59	11	—	1	1

Poliomyelitis Vaccination (Oral Vaccine)

1970		1969	
Primary	Boosters	Primary	Boosters
373	283	248	69

(The dates given above refer to the year of birth of the children concerned).

Measles

Injections given — 390

B.C.G. (Tuberculosis) Vaccination of Schoolchildren

	1970	1969
No. of acceptances	548	248
No. tested	548	248
No. negative	466	205
No. positive	82	43
No. vaccinated	466	205

NATIONAL ASSISTANCE ACT, 1948

Section 47, 1951 (amendment) Act

Action was taken in one case under this Section.

The Welfare Officer and Duly Authorised Officer for Kirkby-in-Ashfield District for the purpose of this Act is :

Mr. M. B. Sage	Dallas Street, Mansfield.	Telephone No. Mansfield 26700

VOLUNTARY ORGANISATIONS

Bentinck Colliery St. Johns Ambulance Division	President:	Mr. R. A. Caunt, 30, Warren Road, Kirkby-in-Ashfield. NG17 8GY
	Div. Supt.:	Mr. W. Green, 25 Highfield Avenue, Kirkby-in-Ashfield. NG17 8GF
	Secretary and Div. Officer :	Mr. A. Oscroft, 32 Charles Street, Sutton-in-Ashfield. NG17 4LG
Bentinck Colliery Ambulance Cadet Division	Div. Supt.:	Mr. D. Moody, 52 Park Street, Kirkby-in-Ashfield. NG17 8DY
	Div. Officers:	Mr. C. Bloxham, Mr. B. Moody, 52 Park Street, Kirkby-in-Ashfield, NG17 8DY
East Ward Darby and Joan Club (W.R.V.S.)	Leader:	Mrs. A. Butler, "Highdene", Nest Avenue, Kirkby-in-Ashfield. NG17 7LU
	Secretary :	Mrs. F. Lane, 15 St.Thomas' Avenue, Kirkby-in-Ashfield. NG17 7DX
Inner Wheel Club of Kirkby-in-Ashfield	President:	Mrs. G. Sugg, 74/76 Station Street, Kirkby-in-Ashfield. NG17 7AP
	Secretary :	Mrs. D. Wickins, Heswall, "Lodge Lane", Kirkby-in-Ashfield. NG17 7QL

Kirkby Colliery Nursing Division, St. Johns Ambulance Brigade	Supt.:	Mrs. Radford, 12 Millersdale Avenue, Mansfield.
	Secretary:	Mrs. D. Bryan, 22 Beulah Road, Kirkby-in-Ashfield. NG17 7EL
Kirkby Colliery Nursing Cadets, St. Johns Ambulance Brigade	Supt.:	Mrs. C. M. Young, 74 Edward Street, Kirkby-in-Ashfield. NG17 7JP
	Div. Officer:	Mrs. S. Maddock, 39 Beacon Drive, Kirkby-in-Ashfield. NG17 7NJ
Kirkby Colliery St. Johns Ambulance Division	President :	Mr. W. Powell, 58 Alexandra Street, Kirkby-in-Ashfield. NG17 7JH
	Supt. :	Mr. W. Spray, 52 Banks Avenue, Kirkby-in-Ashfield. NG17 8GA
	Secretary :	Mr. W. Walker, 34 Mary Street, Kirkby-in-Ashfield, NG17 7JT
British Legion Kirkby-in-Ashfield Branch	Secretary:	Mr. K. P. Cooper, 2 Rowan Drive, Kirkby-in-Ashfield. NG17 8FT

Kirkby-in-Ashfield Old Peoples Welfare Committee	Chairman:	Mr. R. Andrews, 91 Rowan Drive, Kirkby-in-Ashfield. NG17 8FP
	Vice-Chairman:	Mrs. I. Sargent, 3a Hodgkinson Road, Kirkby-in-Ashfield. NG17 7DJ
	Secretary:	Councillor A. Turner, 126 Hartley Road, Kirkby-in-Ashfield. NG17 8DS
Kirkby-in-Ashfield Branch of the Toc H	Chairman:	Mr. J. K. Goulder, 192 Forest Road, Annesley Woodhouse. NG17 9JB
	Secretary:	Mr. H. Dickson, 15 Portland Avenue, Annesley Woodhouse. NG17 7BL
Red Cross Disabled Club	President :	Mr. H. L. Dixon, 4 Lea Close, Ravenshead. NG15 9EH
	Leader:	Mrs. H. Jinks, 88 Vernon Road, Kirkby-in-Ashfield. NG17 8ED
	Secretary:	Mrs. H. Humphries, 8 Rowan Close, Kirkby-in-Ashfield. NG17 8FW

Rotary Club of Kirkby-in-Ashfield	President :	Rtn. R. Moore, 14 Diamond Avenue, Kirkby-in-Ashfield. NG17 7GL
	Secretary:	Rtn. J. Ward, c/o Trustees Savings Bank, 37 Station Street, Kirkby-in-Ashfield. NG17 7AN
South Ward Darby and Joan Club	Leader :	Mrs. P. Chadburn, 19 Wesley Street, Annesly Woodhouse, NG17 9HN
	Secretary :	Mr. F. Greasley, 5 Acacia Avenue, Annesley Woodhouse, NG17 9BH
West Ward Darby and Joan Club	Leaders :	Mrs. V. Foster Mrs. E. Robinson
	Secretary:	Mrs. O. Fox, 33 Manor Crescent, Kirkby-in-Ashfield. NG17 7FZ
Workers Educational Association Kirkby-in-Ashfield Branch	Secretary :	Mr. L. Day, 28 Gladstone Street, Kirkby-in-Ashfield. NG17 7HT
W.R.V.S. Books on Wheels	Organiser :	Mrs. C. G. Bishop, 55 Sutton Road, Kirkby-in-Ashfield. NG17 8GZ
W.R.V.S. Meals on Wheels	Organisers :	Rev. & Mrs. Holtom, 43 Vernon Crescent, Ravenshead.

HEALTH SERVICES NOT ADMINISTERED BY THE URBAN DISTRICT COUNCIL

LABORATORY FACILITIES

The following examinations are carried out by the Public Health Laboratory, City and Sherwood Hospitals, Hucknall Road, Nottingham :

Milk :	Phosphatase Test, Methylene Blue Test, Bacteriological, etc.
Ice Cream :	Methylene Blue Test, Grading, etc.
Food :	Bacteriological examination.
Water :	Bacteriology.

Pathological Specimens Bacteriology and pathology of swabs, sputa, etc.

The Laboratory carry out other functions, but the above are the main ones the Department is likely to need. The Service is an excellent one, and is available to the Medical Profession.

PUBLIC ANALYST'S LABORATORY

Mr. E. R. W. Fogden, 16 Hamilton Road, Sherwood Rise, Nottingham, is an official analyst for the purpose of the Food and Drugs Act 1955.

SENIOR PUBLIC HEALTH INSPECTOR'S REPORT

for the year ended 31st December, 1970

To the Chairman and Members of the

Kirkby-in-Ashfield Urban District Council

Mr. Chairman and Gentlemen,

The County Council let part of the first floor of the County Health Clinic to Kirkby Council for use as offices for the Health Department. This accommodation has proved ideal and it is in fact the first time that this department have had proper and adequate office accommodation. This, I feel, is of great importance as staff cannot give of their best unless they are given proper facilities.

A Pupil Public Health Inspector was appointed during the year. It is seven years since the department last had a pupil. I hope that we shall continue to employ one as not only does this post afford a young man the opportunity of entering the profession of a Public Health Inspector but the contribution made by such an officer is of valuable assistance in trying to cope with the ever increasing work load placed on the Health Department.

Messrs. Thames Board Mills carried out a technical survey of the waste paper salvage operation of the Urban District. After completing the survey, a report was made recommending method and policy changes to improve productivity and increase profitability. As a result of this report, steps were taken to build a new salvage shed and to install a new and larger baling press.

With the clearance of New Street, the last of the large slum clearance areas has been dealt with. There are still unfit houses in the district but these can be dealt with in relatively small slum clearance areas or as individually unfit houses. There is no doubt that more houses are being prevented from becomming unfit as the owners are making greater use of improvement grants. The number of grants approved during the year was almost four times the figure for the previous year and whilst the number of applications in respect of tenanted properties was still small it is pleasing to note that this increased six-fold over the preceding year.

Two Smoke Control Areas were made during the year affecting some 1086 premises. These Orders were submitted to the Ministry for confirmation and inspections were started on a further area of 728 premises. In the industrial field, several factories and one

colliery carried out improvements to their steam raising plant, thus further improving the situation as far as industrial emissions are concerned. The National Coal Board continued to give a considerable amount of attention to the control of colliery spoil tips and they accelerated the work of landscaping and grassing old spoil tips.

The Food Hygiene (General) Regulations 1970 came into operation during the year. These give more power to deal with the general problems of food hygiene although the standard of food premises in this district is generally high.

In conclusion, I wish to record my appreciation to the Chairman and Members of the Health Committee for their active interest and to Dr. Haynes and all the other Officers of the Council for their help and co-operation and my own staff for their support at all times.

I am,

Your obedient servant,

H. S. WHITTEN,
Senior Public Health Inspector.

WATER

Report from the Central Nottinghamshire Water Board

1. The water supply within the area of your authority has been generally satisfactory both in quality and quantity. Incidents of low pressure have occured from time to time, but these have been of an isolated nature.
2. No contamination of supplies has occurred within the area.
3. Chemical Samples — analyses of water from the pumping stations supplying the area have been taken. None of these supplies are likely to result in plumbo-solvent action.
4. Consumption — average domestic — 31.18 galls/head/day
   ,, trade — 14.14 ,, ,, ,,
   Total 45.32 ,, ,, ,,

A typical chemical analysis is as follows :

This water contains per million parts :

Total Solids dried 180°C	279.00
Suspended Matter	Absent
Chlorides as Chlorine	39.00
Nitrate Nitrogen	7.20
Nitrite Nitrogen	Absent
Ammoniacal Nitrogen	0.004
Albuminoid Nitrogen	0.004
Carbonate Hardness	75
Non-Carbonate Hardness	117
Excess Alkalinity as Sodium Carbonate	—
Oxygen absorbed from N/80 $KMnO_4$ in 4 hrs. @ 27°C	0.02
pH Value	7.5
Odour and Taste	Normal
Colour—Hazen Units	Less than 5
Heavy Metals	Not detected
Free Chlorine	0.04
No. of colonies developing per ml. on agar at 21°C in 72 hrs.	—
No. of colonies developing per ml. on agar at 37°C in 24 hrs.	—
No. of colonies developing per ml. on agar at 37°C in 48 hrs.	—
Coli-aerogenes count per 100 mls. at 37°C in 48 hrs.	—
Faecal coli count per 100 mls. at 44°C in 48 hrs.	—
Bacillus Coli (Presumptive)	—

DRAINAGE AND SEWERAGE

Particulars of any new works of sewerage and sewage disposal and of any important additions to existing works completed during the year :

(*a*) The sewers have been extended on private housing estates off Thoresby Avenue and Greenacres by the estate developers.

(*b*) A new surface water sewer has been laid along Forest Road from Park Avenue to Forest Street.

(*c*) A new surface water sewer has been laid along Main Road, Kirkby Woodhouse.

HOUSING

Erection of new houses

By the local authority (*a*) for general purposes		Nil
(*b*) for slum clearance re-housing		Nil
By private enterprise		147

Inspection of Dwelling-houses during the year

(*a*) (i) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)		2163
(ii) Number of inspections made for the purpose		2347
(*b*) (i) Number of dwelling-houses (included under sub-head (*a*) above) which were inspected and recorded under the Housing Consolidated Regulations 1946		—
(ii) Number of inspections made for the purpose		—
(*c*) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation		3
(*d*) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head (c)) found not to be in all respects reasonably fit for human habitation due to housing defects		—
(*e*) Number of dwelling-houses (exclusive to those referred to under the preceding sub-head (d)) found not to be in all respects reasonably fit for human habitation due to minor defects		1085
(*f*) Visits in connection with Standard Grants		364
(*g*) Visits to inspect temporary dwellings		37

Remedy of Defects during the year without service of formal notices

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	116

ACTION UNDER STATUTORY POWERS DURING THE YEAR

Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957

(*a*)	Number of dwelling-houses in respect of which notices were served requiring repairs	—
(*b*)	Number of dwelling-houses which were rendered fit after service of formal notice :	
	(i) By Owners	—
	(ii) By Local Authority in default of owners	—

Proceedings under Public Health Acts

(*a*)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	13
(*b*)	Number of dwelling-houses in which defects were remedied after service of formal notices :	
	(i) By Owners	16
	(ii) By Local Authority	—

Proceedings under Section 16 of the Housing Act, 1957

(*a*)	Number of dwelling-houses in respect of which Demolition Orders were made	—
(*b*)	Number of dwelling-houses demolished in pursuance of Demolition Orders	—
(*c*)	Number of dwelling-houses in respect of which Closing Orders were made	2
(*d*)	Number of dwelling-houses closed in pursuance of Closing Orders	—

Proceedings under Sections 42 and 43 of the Housing Act, 1957

(*a*)	Number of dwelling-houses dealt with by the Local Authority purchasing the land comprised in the Area	—
(*b*)	Number of dwelling-houses demolished after acquisition by the Local Authority	14

Proceedings under Section 18 of the Housing Act 1957

(*a*)	Number of separate tenements or under-ground rooms in respect of which Closing Orders were made	—
(*b*)	Number of separate tenements or under-ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

Improvements effected

Roofs repaired	13
Rainwater fall pipes and eaves gutters repaired or renewed	32
Defective windows repaired or renewed	8
Windows provided with new sashcords	13
Defective plaster repaired	22
Floors repaired or renewed	4
Doors and frames repaired or renewed	4
Insanitary waste pipes removed and replaced	3
Leaking waste pipes repaired	1
Defective sink waste gullies repaired	2
Yards or paths repaved or repaired	1
Dampness abated	51
Walls repointed or repaired	6
Chimney flues repaired	3
Chimney stack repointed or repaired	7
Fireplaces repaired or renewed	5
Defective chimney pot replaced	2
Dustbins renewed	29
Drains tested	28
Drains repaired or reconstructed	10
Inspection chambers repaired or reconstructed	5
Obstructed drains cleared	949
Other work connected with drainage	1
Defective watercloset pedestals replaced	6
Cisterns repaired or replaced	3
Water supplies provided or repaired	6
Watercloset seats repaired or renewed	1
Defective joints repaired	1
Defective watercloset floors repaired	2
Defective watercloset doors repaired	2
Burst water service pipes repaired	1
Defective water closet chains renewed	1

Housing Act 1957—Part IV

Number of cases of overcrowding reported during the year	4
Number of houses found to be overcrowded	—

Improvement Grants

(1) **Standard Under Housing Act 1959**

		Owner/ Occupier	Tenanted
1.	Number of applications received	—	—
2.	,, ,, ,, approved	—	—
3.	,, ,, ,, not approved....	—	—
4.	,, ,, ,, not proceeded with by applicants	—	—
5.	,, ,, dwellings improved	10	7
6.	Amount paid in grants	£1,247 15s. 11d.	
7.	Average grant per house	£78 10s. 11d.	
8.	Number of amenities provided :		
	(*a*) Fixed bath or shower		10
	(*b*) Wash-hand basin		15
	(*c*) Hot water supply (to any fittings)		29
	(*d*) Water closet in and accessible from within the dwelling		17
	(*e*) Food store		3

(2) **Discretionary** NIL

Improvement Grants

(1) **Standard Under Housing Act 1969**

		Owner/ Occupier	Tenanted
1.	Number of applications received	88	15
2.	,, ,, ,, approved	70	6
3.	,, ,, ,, not approved	—	1
4.	,, ,, ,, not proceeded with by applicants	3	—
5.	,, ,, dwellings improved	66	4
6.	Amount paid in grants	£5,331 8s. 9d.	
7.	Average grant per house	£76 3s. 3d.	
8.	Number of amenities provided :		
	(*a*) Fixed bath or shower	23	
	(*b*) Hot and cold water supply at a fixed bath or shower	26	
	(*c*) Wash-hand basin	44	
	(*d*) Hot and cold water supply at a wash-hand basin	35	
	(*e*) Sink	4	
	(*f*) Hot and cold water supply at a sink	10	
	(*g*) Water closet	66	

(2) **Discretionary**

		Owner/ Occupiers	Tenanted
1.	Number of applications received	6	—
2.	,, ,, ,, approved	3	—
3.	,, ,, ,, not approved	2	—
4.	,, ,, dwellings improved	1	—
5.	Amount paid in grants	£250 0s. 0d.	
6.	Average grant per house	£250 0s. 0d.	

FOOD HYGIENE (GENERAL) REGULATIONS 1960

Trade Category	No. of premises	No. of premises fitted to comply with Reg. 16	No. of premises to which Reg. 19 applies	No. of premises fitted to comply with Reg. 19	No. of inspections made
Mobile food shops and delivery vans	126	—	—	—	262
Bakehouses	10	10	10	10	42
Supermarkets & retail general stores	77	77	77	77	314
Butchers shops	17	17	17	17	90
Fried fish shops	9	9	9	9	28
Licensed premises	28	28	28	28	100
Greengrocery shops	9	9	9	9	22
Restaurants and canteens	22	22	22	22	114
Slaughterhouses	2	2	2	2	19
Preparation rooms	19	19	19	19	90
Tripe boilers	1	1	1	1	22
Wet fish shops	2	2	2	2	8
Wholesale Grocers and Greengrocers	4	4	4	4	5
Dairies and milk shops	—	—	—	—	—
Flour confectioners	4	4	4	4	—

Samples submitted to Analyst

Water 3

FOOD AND DRUGS ACT 1955

Samples submitted to Analyst by Health Department

Water .... Nil

Ice-cream 56

Particulars of samples obtained by Officers of the Nottinghamshire County Council Weights and Measures and Food and Drugs Department and examined and/or analysed under the Food and Drugs Act 1955.

	Number of Samples			Adulterated and Sub-Standard Samples	
Article	Obtained	Genuine	Adult or Sub-standard	Result of examination and/or Analysis	Remarks
Beef, English Minced ..	1	1	—		
Butter, Dairy	1	1	—		
Buttercup Syrup	1	1	—		
Cakes	1	1	—		
Cake Mix, Madeira	1	1	—		
Calamine Lotion B.P..... ...	1	1	—		
Cheese, N.Z. Cheddar ..	1	1	—		
Cherries	1	1	—		
Chocolate, Bakers'	1	1	—		
Condiment, non-brewed ..	2	1	1	9% deficient in Acetic Acid.	Informal Sample. Formal Sample obtained and reported to be satisfactory.
Cream, Synthetic	1	1	—		
Drink	3	3	—		
Fish Cakes	2	2	—		
Fruit, Mixed	1	1	—		
Gin	1	1	—		
Ice Cream	1	1	—		
Jam	2	2	—		
Jelly, Blackcurrant	1	1	—		
Lard, American	1	1	—		
Margarine	1	1	—		
Milk	26	26	—		
Milk, Condensed, full-cream unsweetened....	1	1	—		
Milk, Instant, non-fat skimmed	1	1	—		
Mushrooms in mushroom stock	1	1	—		
Pasties, Cornish	1	1	—		
Piccalilli	1	1	—		
TOTALS carried forward ...	56	55	1		

Article	Number of Samples			Adulterated and Sub-Standard Samples	
	Obtained	Genuine	Adult or Sub-standard	Result of examination and/or Analysis	Remarks
TOTALS brought forward	56	55	1		
Pickle, Sweet	1	—	1	Preservative not declared.	Taken up with manufacturers. Product relabelled.
Pie Filling, Apple	1	1	—		
Pies, Steak and Kidney	1	1	—		
Pork Roll, Stuffed	1	1	—		
Pudding and Pancake Mix	1	1	—		
Pudding, Pease	1	1	—		
Sauce, Apple	1	1	—		
Sausage, Beef and Pork	1	1	—		
Sausage, Pork	2	2	—		
Sausage Rolls	1	1	—		
Steakettes	1	1	—		
Steak, Stewed with Gravy	1	1	—		
Sweets	3	3	—		
Tarts, Treacle	1	1	—		
Tea, Instant	1	1	—		
Tomatoes, Italian Plum Peeled	1	1	—		
Vinegar, Raspberry	1	1	—		
Whisky	5	5	—		
	Miscellaneous Food and Drugs Investigation Selling bottle of milk containing piece of sticking plaster				Bottlers cautioned.
TOTALS	81	79	2		

THE MILK (SPECIAL DESIGNATIONS) (PASTEURISED AND STERILISED) MILK REGULATIONS

	Pasteurised	Untreated	Sterilised
Samples Obtained and submitted to prescribed tests	23	4	12
Samples Unsatisfactory	1 Failed methylene blue test. Appropriate action taken.	—	—

Bacteriological Examination of Milk Bottles

Examined .... —

Satisfactory .... —

Unsatisfactory .... —

MEAT

There are 16 butchers shops in the district.

There are two licensed slaughterhouses in the district, details of which are as follows :—

Licensee	*Location of premises*
E. A. Bird & Sons, Limited	24 Kingsway, Kirkby-in-Ashfield.
H. R. Smith	124 Forest Road, Kirkby-in-Ashfield.

Slaughtermen

Number of licences issued during the year 33

Income from licences .... £1 14s. 0d.

Meat inspected and condemned

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Horses	Pigs
Number killed	–	–	–	–	–	11,144
Number inspected	–	–	–	–	–	11,144
All diseases except Tuberculosis and Cysticerci						
Whole carcases condemned	–	–	–	–	–	38
Carcases of which some part or organ was condemned	–	–	–	–	–	1,800
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	–	–	–	–	–	16.49%
Tuberculosis only						
Whole carcases condemned	–	–	–	–	–	1
Carcases of which some part or organ was condemned	–	–	–	–	–	136
Percentage of the number inspected affected with tuberculosis	–	–	–	–	–	1.23%
Cysticercosis						
Carcases of which some part or organ was condemned	–	–	–	–	–	–
Carcases submitted to treatment by refrigeration	–	–	–	–	–	–
Generalised and totally condemned	–	–	–	–	–	–

Weights Condemned (in lbs.)						
Tuberculosis	–	–	–	–	–	1,804
Cysticercosis	–	–	–	–	–	–
Diseases other than Tuberculosis and Cysticerci	–	–	–	–	–	15,757
TOTALS	–	–	–	–	–	17,561

No. of visits to inspect meat 211

Income from charges for Meat Inspection .... £417 18s. 0d.

Food other than butchers meat surrendered and condemned

	Tons	*Cwts*	*Lbs*
Cooked meat and meat products			103
Fresh fruit and vegetables	1	0	0
Frozen food (due to cabinet breakdown)		2	75
Total	1	3	66

FACTORIES ACT 1961

Number of factories on Register at 31st December 1970 :

(*a*) with mechanical power 60

(*b*) without mechanical power .... None

Number of inspections 43

Number of unsatisfactory conditions found .... None

Number of outworkers premises inspected 13

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

Registrations and General Inspections

Class of premises (1)	Number of premises registered during the year (2)	Total number of registered premises at end of year (3)	Number of registered premises receiving a general inspection during the year (4)
Offices	2	17	7
Retail shops	8	77	81
Wholesale shops, warehouses	—	4	3
Catering establishments open to the public, canteens	—	12	2
Fuel storage depots	—	—	—
TOTALS	10	110	93

Number of visits of al kinds by Inspectors to registered premises 147

Analysis of persons employed in Registered Premises by Workplace

Class of Workplace (1)	Number of persons employed (2)
Offices	101
Retail shops	284
Wholesale departments, warehouses	15
Catering establishments open to the public, canteens	58
Fuel storage depots	—
TOTAL	458

Total Males 166

Total Females 292

Reported accidents — None.

Inspectors

No. of inspectors appointed under section 52 (1) or (5) of the Act 2

No. of other staff employed for most of their time on work in connection with the Act .... None

CLEAN AIR ACTS 1956 and 1968

Smoke observations made	35
Colliery spoilbanks inspected	12
Visits in connection with smoke abatement	131
Premises inspected in connection with Smoke Control Areas	452

ANIMAL BOARDING ESTABLISHMENTS ACT 1963

Number of licences issued	2
Income from licences issued	£4 0s. 0d.
Number of inspections	11

PET ANIMALS ACT 1951

Number of licences issued	2
Income from licences issued	£4 0s. 0d.
Number of inspections	4

SCRAP METAL DEALERS ACT 1964

Number registered	8
Number of inspections	23

NOTTS. COUNTY COUNCIL ACT 1951

Massage and special treatment establishments

Number of licences issued	3
Income from licences issued	£3 3s. 0d.
Number of inspections	8

NOTTS. COUNTY COUNCIL ACT 1951

Hairdressers

Number registered	23
Number of inspections	36

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT 1960

Number of licences issued	—
Number of caravans	—
Number of inspections	—

PETROLEUM ACTS AND REGULATIONS

Number of licences issued	30
Income from licences issued	£115.00
Number of inspections	101

RODENT AND INSECT PESTS CONTROL

Number of complaints	309
Number of inspections	1092
Visits to lay baits	411
Rat infestations removed	104
Disinfestations due to vermin	2
Disinfestations due to other insect pests	161

INFECTIOUS DISEASES AND FOOD POISONING

Enquiries and visits	24
Disinfections	None
Specimens submitted to Public Health Laboratory	—

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